

Construction Process Overview

Local Transportation Funding Symposium

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Construction Process Overview

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Construction Process Overview

Consultant Selection

- ▶ Region Construction Packages
 - Advertised in August
 - Addenda issued in September
- ▶ Notice of Interest (DT1818)
- ▶ Construction Consultant Interviews
 - 80 construction consultants statewide (2014 interviews)
 - SELP interviewed 41 firms for 17 packages
 - Shortlist of 3 firms per package developed
 - Review process at Region & State levels
 - Adjustments made, selections posted October/November
 - 2014 & 2015 WisDOT Construction Package selections are posted to WisDOT website



Construction Process Overview

Consultant Selection (cont.)

- ▶ Final PS&E sent to Construction Consultant
 - Scoping documents prepared
 - Scoping meeting held
 - Contracts prepared, negotiated, & processed for execution



Construction Process Overview

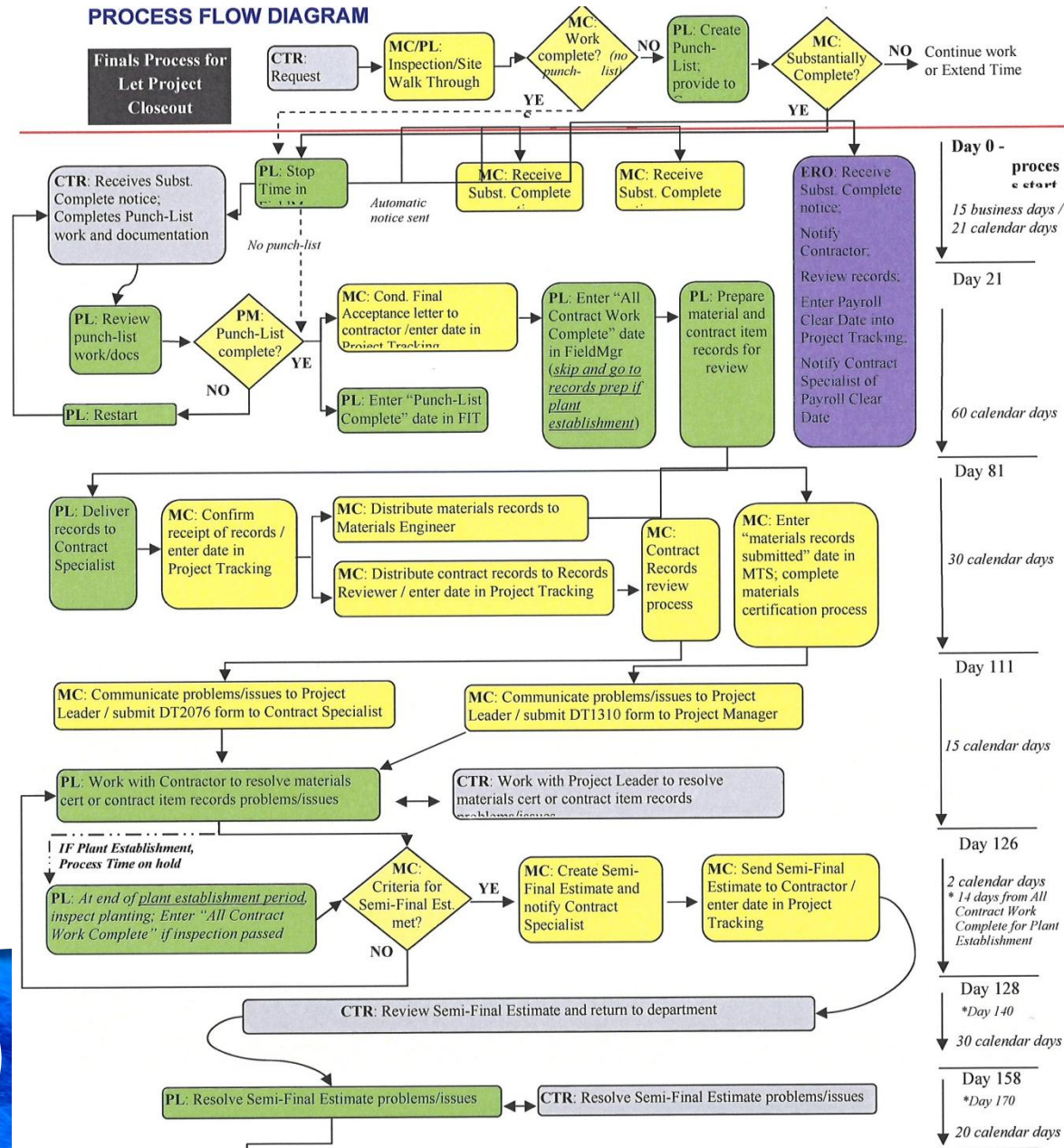
Traditional (LET)

- ▶ Advertisement
 - Bid questions & potential addenda
- ▶ LET
 - Bid evaluation & potential estimate justification
- ▶ Award
 - Minimums on prime & DBE %
- ▶ Execute
 - ECIP submittal & approval
 - Precon
 - NTP
- ▶ Build It
 - Final walkthrough
 - Finals checking
 - Semi-final estimate
- ▶ Closeout
 - **Not So Fast!**



Let Project Closeout Process

PROCESS FLOW DIAGRAM



- ▶ 180 day process
- ▶ 192 days for projects with plant establishment
- ▶ See Process Flow Diagram Handout



Construction Process Overview

Local Force Account (LFA)

- ▶ Cost Limitations – State Municipal Agreement (SMA)
 - Actual cost (labor, equipment, materials)
 - No subcontracting
 - Municipalities cannot make \$ nor lose \$ (providing costs remain under cap)
 - Subject to independent verification of documents
- ▶ Construction Management Functions
 - LFAs Less than \$25,000
 - MC performs inspection
 - Process Municipal reimbursement requests
 - Review materials
 - Project closeout
 - LFAs More than \$25,000
 - Construction consultant selection
 - Process Field Manager payment
 - Review materials
 - Balancing Contract Mod & project closeout



Construction Process Overview

Non Traditional (LLC)

► Construction Management Functions

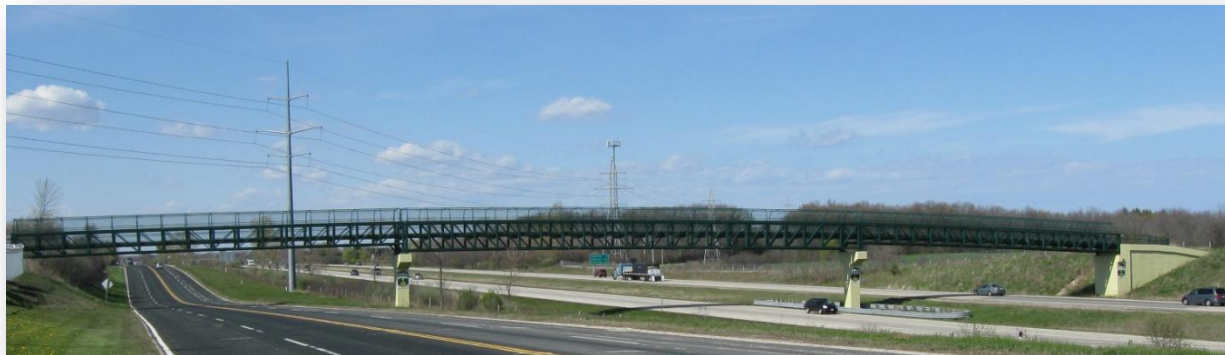
- Municipality (LPA) administers construction contract as per Sponsor's Guide (LPA in responsible charge)
 - LPA or Construction Consultant (CC) performs inspection
 - QBS Selection for CC if intending reimbursement
 - 2-Party Contract for CC (furnish to MC)
 - Materials/Finals/Closeout
- MC Role
 - Verify QBS Selection (FDM Chapter 8)
 - Verify 2-Party contract as per Sponsor's Guide
 - Review Award as per Sponsor's Guide (bid requirements)
 - Attend Precon



Construction Process Overview

Non Traditional (LLC)

- MC Role (cont.)
 - Review & process Contract Modification(s) for WisDOT approval
 - Process partial Reimbursement Requests
 - Interim MC field visit
 - MC field review of progress
 - Process final Reimbursement Request
 - MC field review/final walkthrough



Construction Process Overview

Emerging Issues

- ▶ Contractor Workload – especially electrical (monotubes)
- ▶ Post PS&E utility relocation follow-up
- ▶ Utility company relocations/workload
 - Utility Claims (delays/added Cost) 100% Sponsor cost
- ▶ Change Management
 - Contain cost
 - Formal documentation



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Emerging Issues (cont.)

- ▶ ADA & Construction Tolerances
 - FDM Update (1.5% Typical; 2.0% Max)
 - Construction Spec updates
- ▶ Proving Period & Timing of Project Closeout
- ▶ Design Error & Omissions
 - 100% Sponsor cost



Question/Answer Period

Thank You For Listening



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